

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080218\
 Data File : BG036080.D
 Acq On : 3 Aug 2018 5:14
 Operator : JU/SJ
 Sample : J4285-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 KG-PIT-4

Quant Time: Aug 03 07:53:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

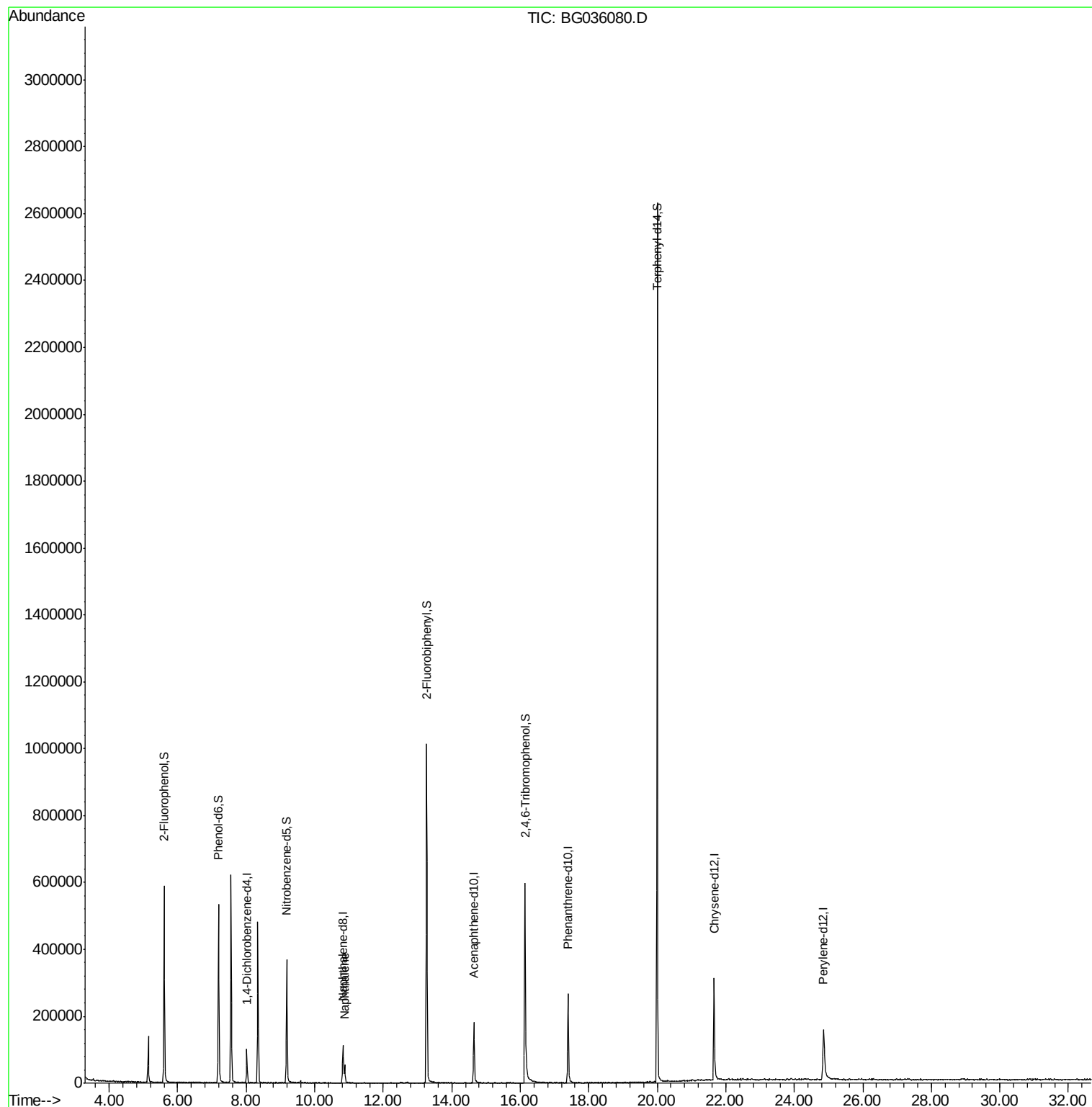
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	27319	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	100416	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	73539	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	210690	20.00	ng	0.00
75) Chrysene-d12	21.65	240	243299	20.00	ng	0.00
86) Perylene-d12	24.86	264	216310	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	256382	155.81	ng	0.00
7) Phenol-d6	7.19	99	334932	136.43	ng	0.00
23) Nitrobenzene-d5	9.18	82	263704	109.71	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	156205	161.15	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	596649	108.70	ng	-0.01
78) Terphenyl-d14	20.00	244	1332330	120.71	ng	0.00
Target Compounds						
31) Naphthalene	10.87	128	48541	9.280	ng	Qvalue 97

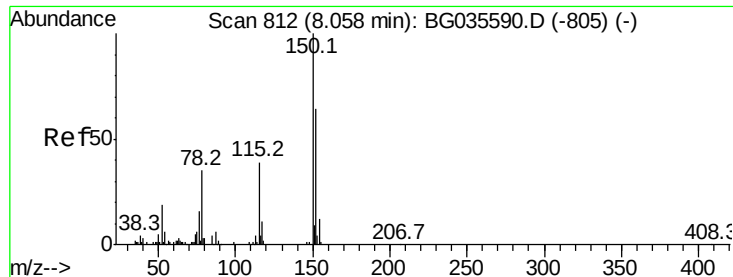
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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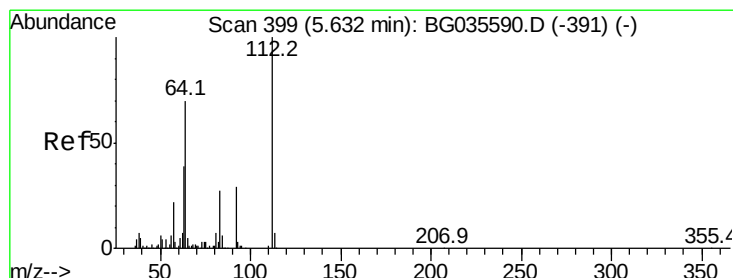
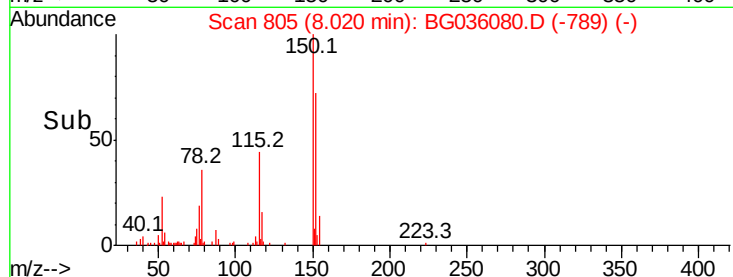
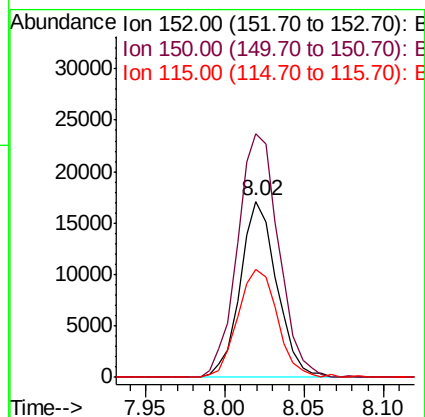
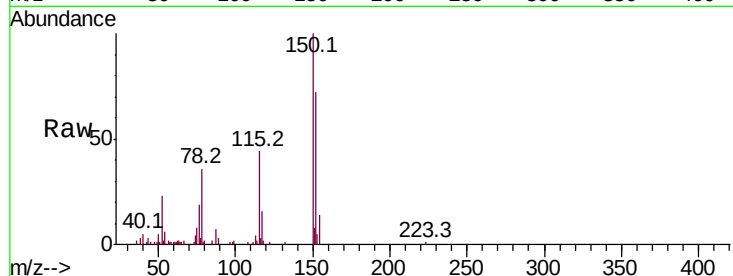


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BG036080.D
 Acq: 3 Aug 2018 5:14

Instrument :
 BNA_G
 ClientSampleId :
 KG-PIT-4

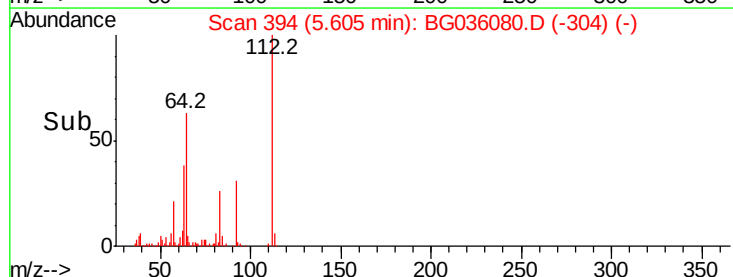
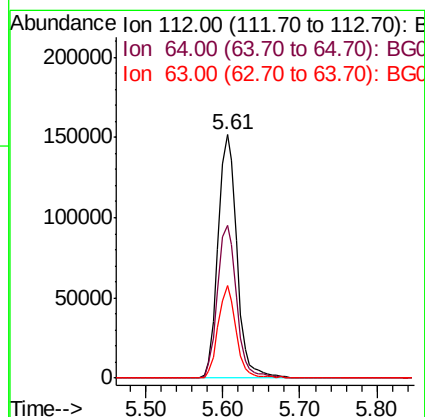
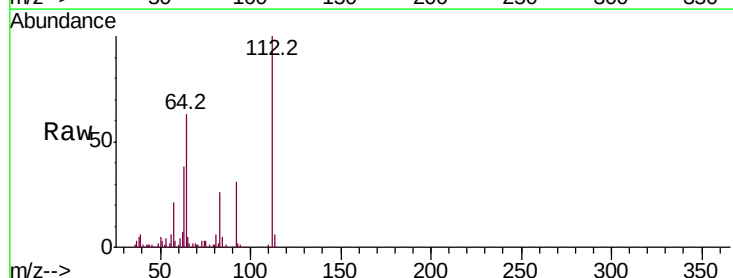
Tot Ion	Ratio	Lower	Upper
152	100		
150	138.5	126.6	189.8
115	61.4	53.0	79.4

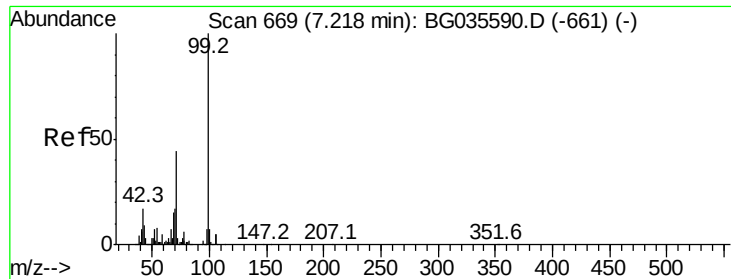


#5

2-Fluorophenol
 Concen: 155.809 ng
 RT: 5.61 min Scan# 394
 Delta R.T. 0.00 min
 Lab File: BG036080.D
 Acq: 3 Aug 2018 5:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	56.3	84.5
63	38.1	30.1	45.1





#7

Phenol-d6

Concen: 136.426 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG036080.D

Acq: 3 Aug 2018 5:14

Instrument :

BNA_G

ClientSampleId :

KG-PIT-4

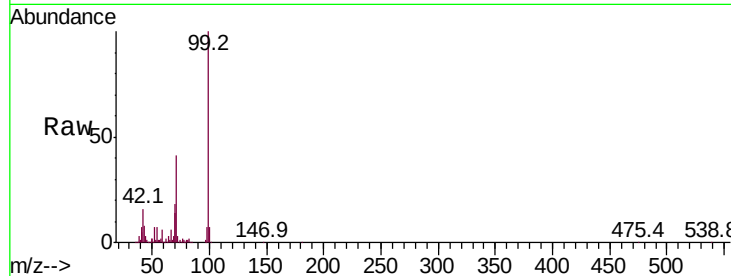
Tot Ion: 99 Resp: 334932

Ion Ratio Lower Upper

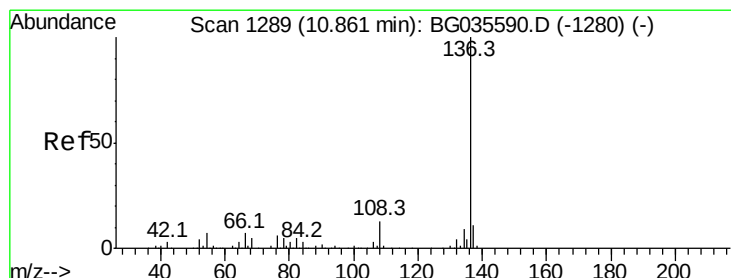
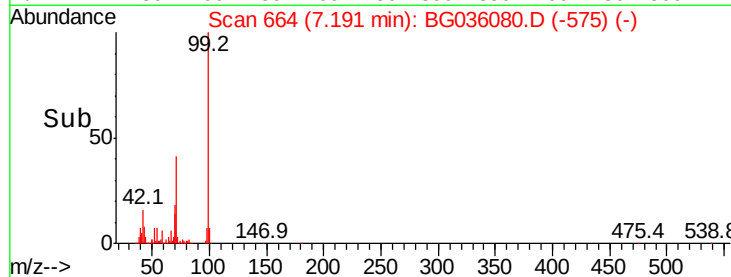
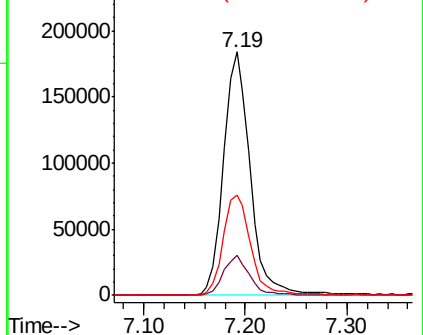
99 100

42 16.3 14.1 21.1

71 41.4 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BG036080.D

Acq: 3 Aug 2018 5:14

Tgt Ion: 136 Resp: 100416

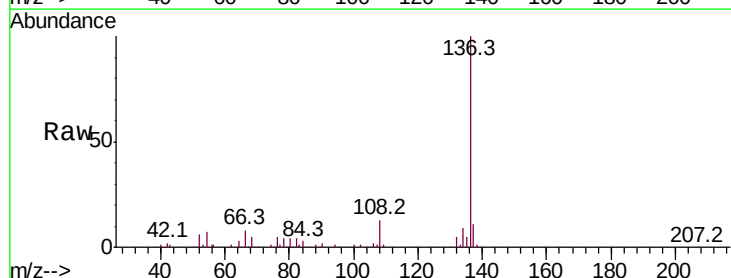
Ion Ratio Lower Upper

136 100

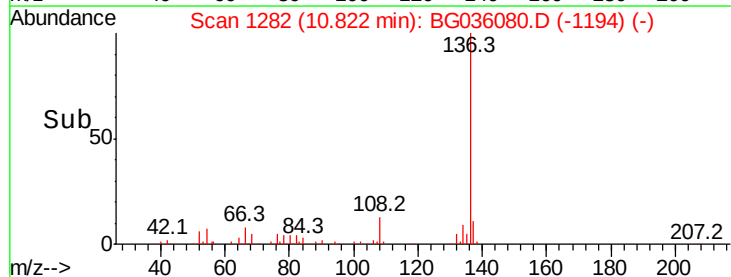
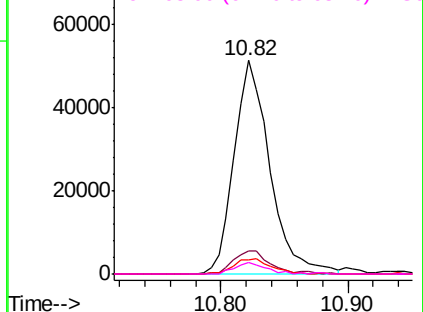
137 10.8 9.2 13.8

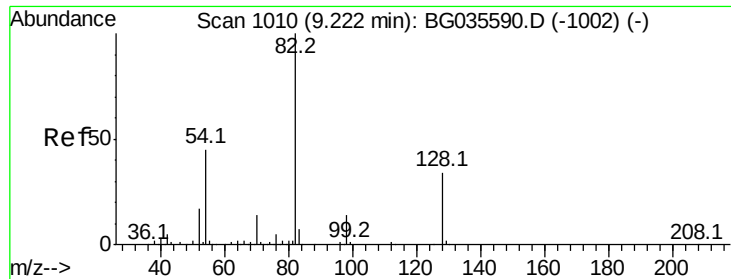
54 6.8 10.3 15.5#

68 5.5 4.5 6.7



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

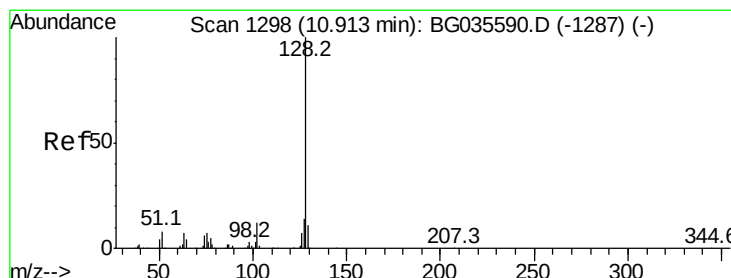
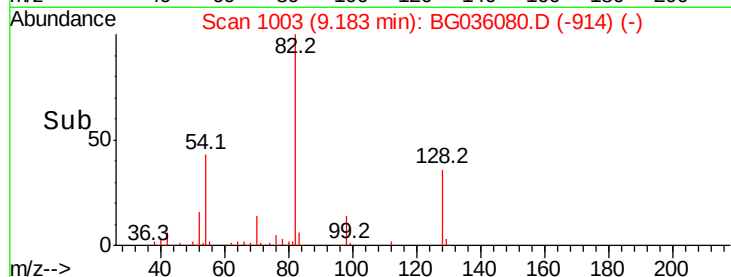
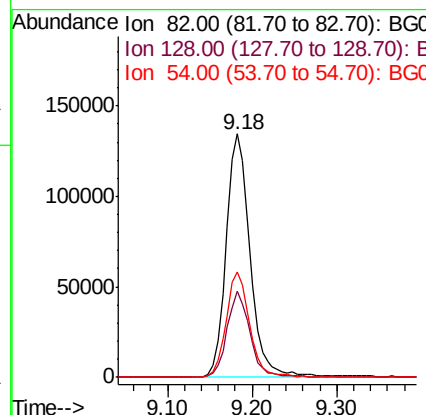
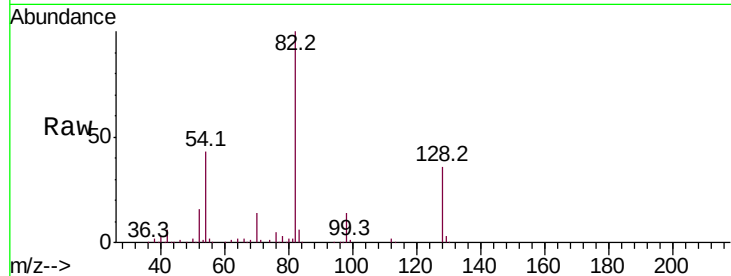




#23
Nitrobenzene-d5
Concen: 109.705 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BG036080.D
Acq: 3 Aug 2018 5:14

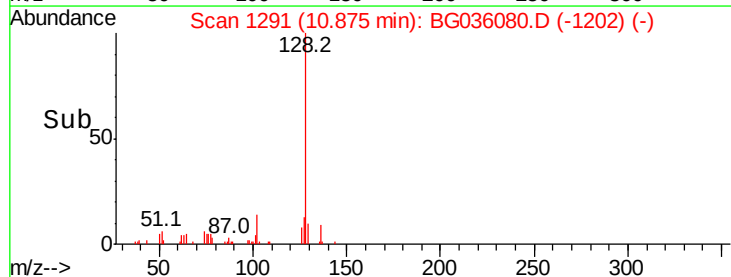
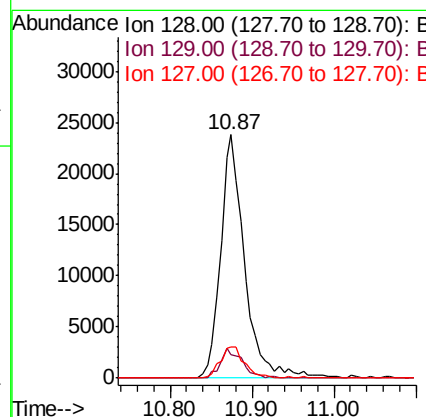
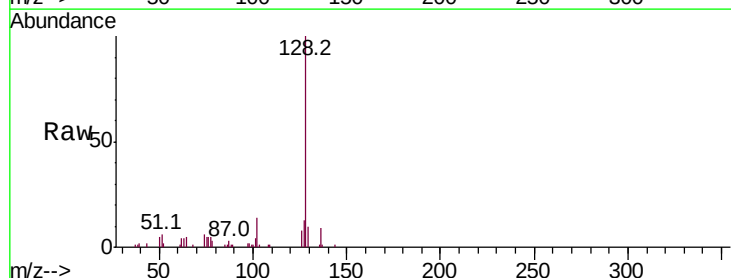
Instrument :
BNA_G
ClientSampleId :
KG-PIT-4

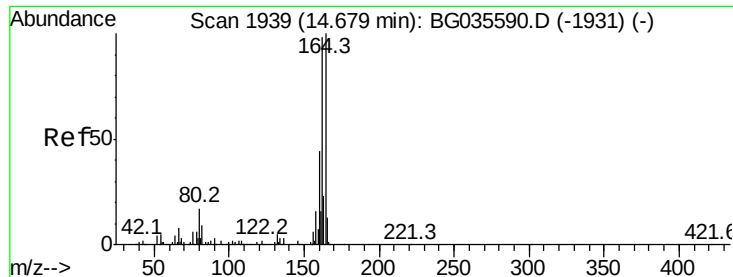
Tot Ion: 82 Resp: 263704
Ion Ratio Lower Upper
82 100
128 35.6 29.7 44.5
54 43.2 43.1 64.7



#31
Naphthalene
Concen: 9.280 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BG036080.D
Acq: 3 Aug 2018 5:14

Tgt Ion:128 Resp: 48541
Ion Ratio Lower Upper
128 100
129 9.7 8.6 12.8
127 13.0 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BG036080.D

Acq: 3 Aug 2018 5:14

Instrument :

BNA_G

ClientSampleId :

KG-PIT-4

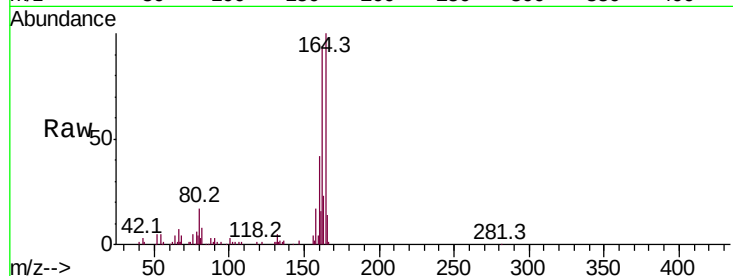
Tot Ion:164 Resp: 73539

Ion Ratio Lower Upper

164 100

162 94.3 78.8 118.2

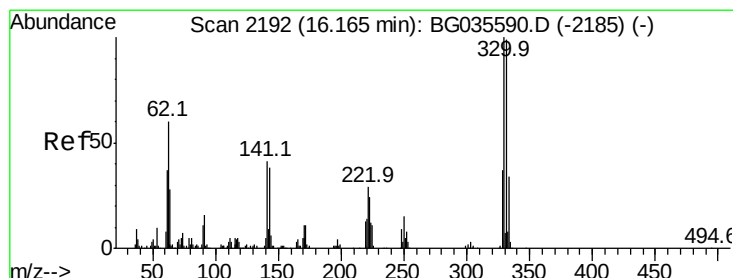
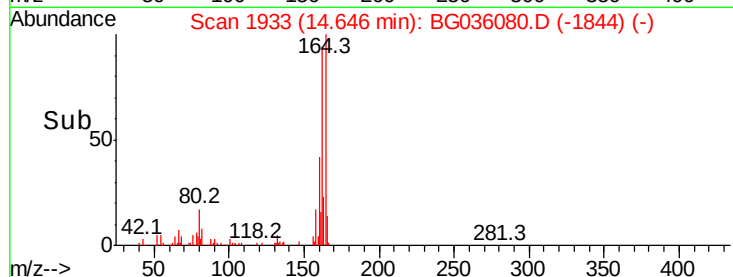
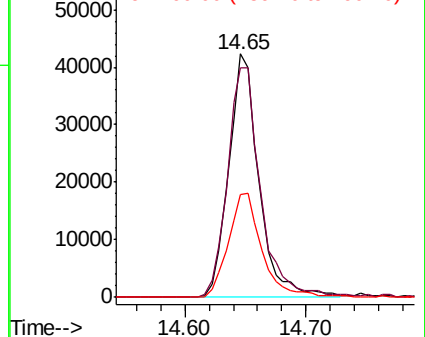
160 42.2 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 161.154 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BG036080.D

Acq: 3 Aug 2018 5:14

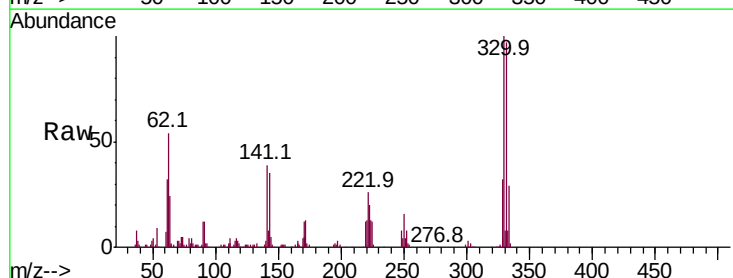
Tgt Ion:330 Resp: 156205

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

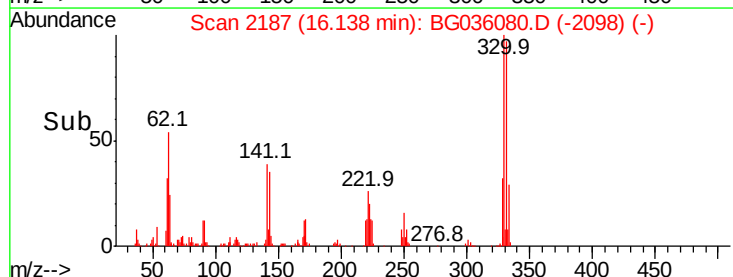
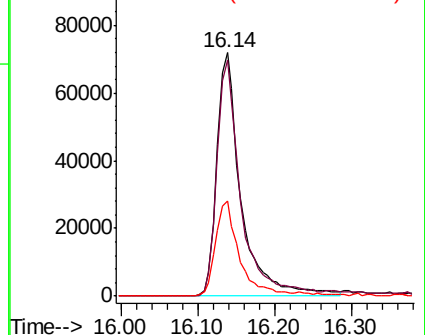
141 38.3 25.2 37.8#

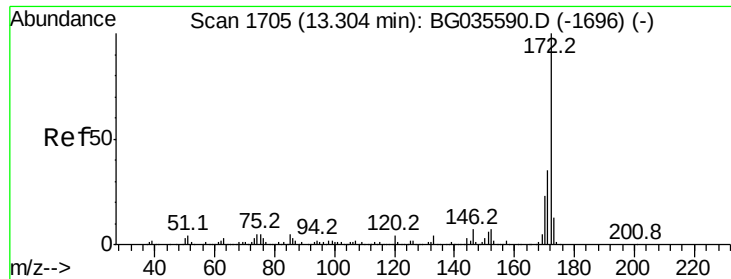


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

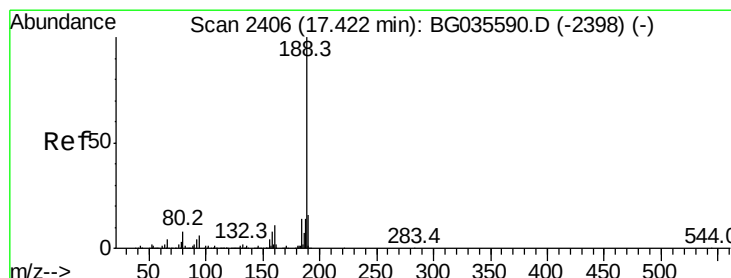
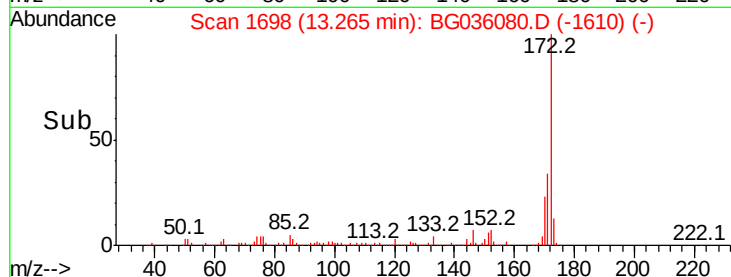
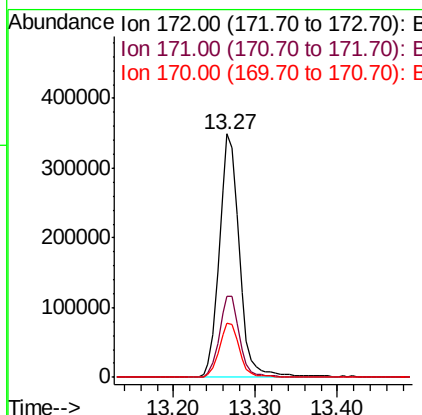
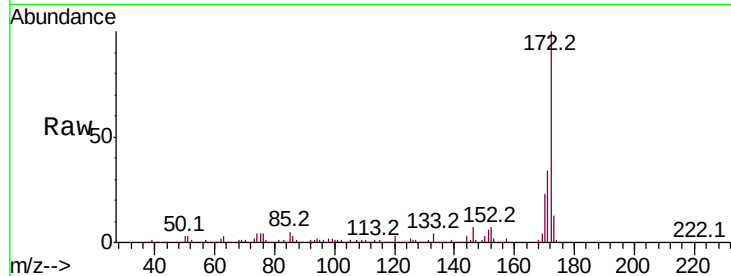




#44
2-Fluorobiphenyl
Concen: 108.698 ng
RT: 13.27 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BG036080.D
Acq: 3 Aug 2018 5:14

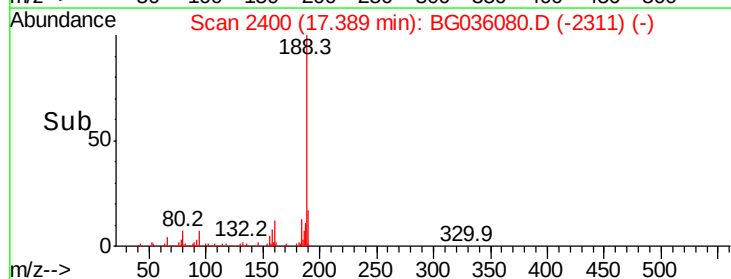
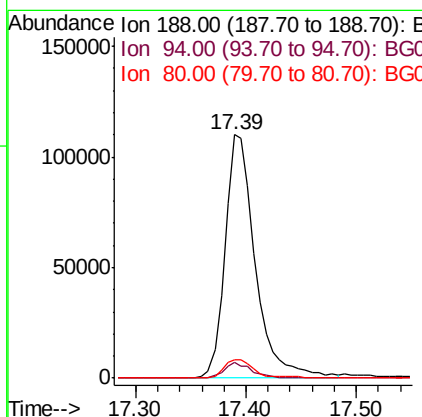
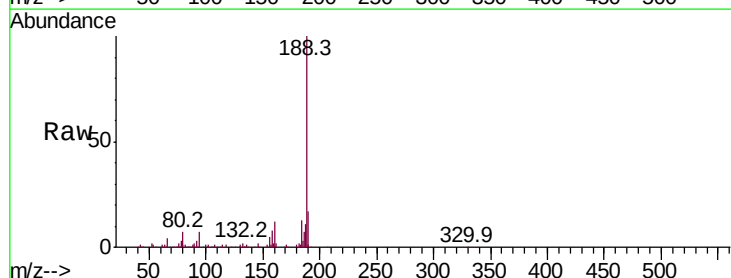
Instrument :
BNA_G
ClientSampleId :
KG-PIT-4

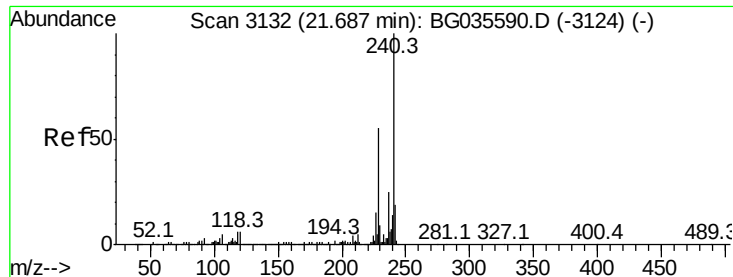
Tot Ion:172 Resp: 596649
Ion Ratio Lower Upper
172 100
171 33.5 30.0 45.0
170 22.5 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BG036080.D
Acq: 3 Aug 2018 5:14

Tgt Ion:188 Resp: 210690
Ion Ratio Lower Upper
188 100
94 6.5 6.9 10.3#
80 7.5 7.7 11.5#

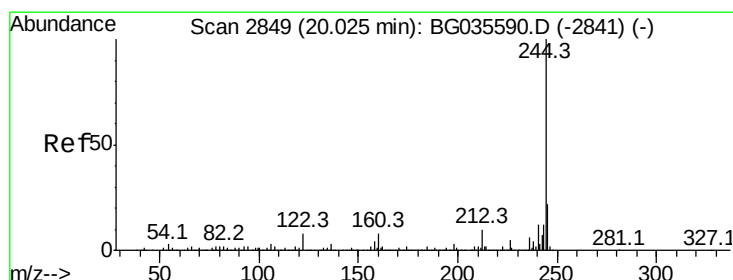
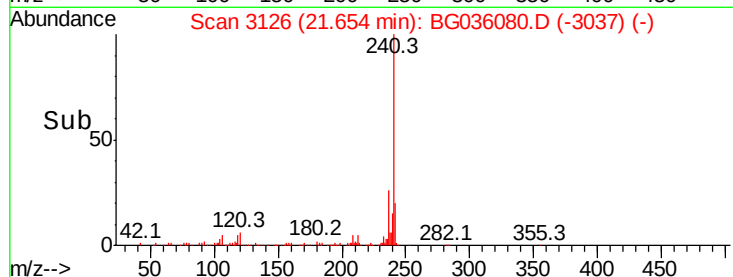
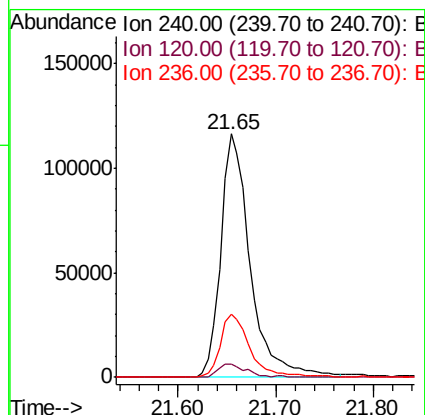
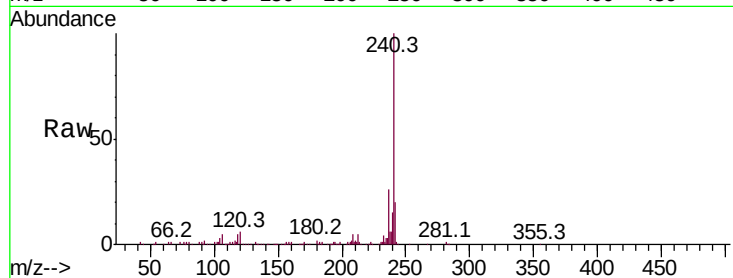




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3126
 Delta R.T. -0.00 min
 Lab File: BG036080.D
 Acq: 3 Aug 2018 5:14

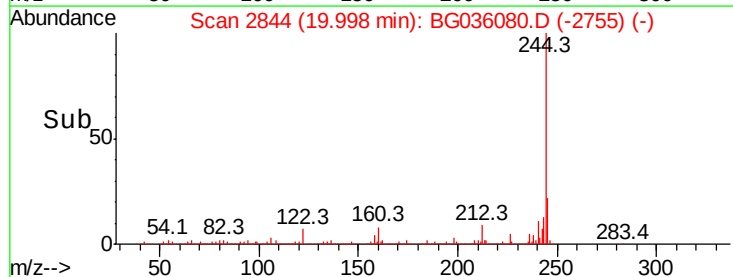
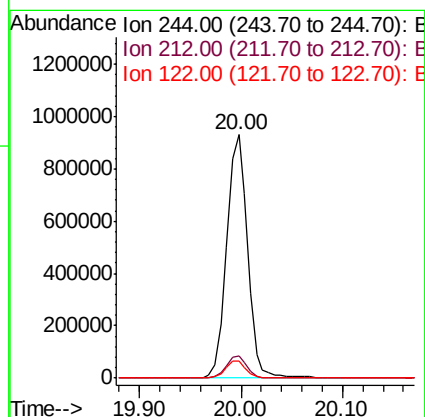
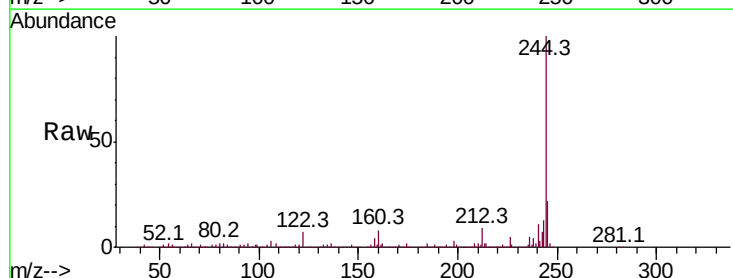
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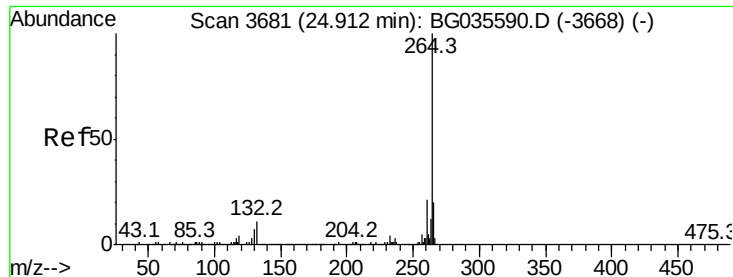
Tot Ion:240 Resp: 243299
 Ion Ratio Lower Upper
 240 100
 120 5.5 6.8 10.2#
 236 25.9 20.9 31.3



#78
 Terphenyl-d14
 Concen: 120.710 ng
 RT: 20.00 min Scan# 2844
 Delta R.T. -0.00 min
 Lab File: BG036080.D
 Acq: 3 Aug 2018 5:14

Tgt Ion:244 Resp: 1332330
 Ion Ratio Lower Upper
 244 100
 212 9.4 5.8 8.8#
 122 6.9 7.0 10.4#

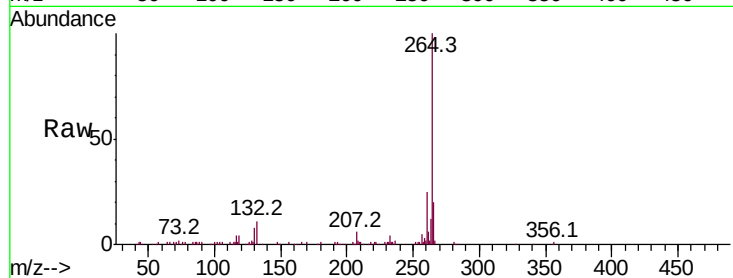




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3671
Delta R.T. -0.00 min
Lab File: BG036080.D
Acq: 3 Aug 2018 5:14

Instrument :
BNA_G
ClientSampleId :
KG-PIT-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.5	17.4	26.0
265	20.2	17.7	26.5



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

